

Application No.: 10/773,529  
Docket No.: BB1240USCNT

Page 4

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1-31. (cancelled)
32. (new) An isolated polynucleotide comprising:
  - (a) a nucleotide sequence encoding a polypeptide comprising a farnesyltransferase beta subunit, wherein the polypeptide has an amino acid sequence of at least 80% sequence identity, based on the Clustal method of alignment with pairwise alignment default parameters of KTUPLE=1, GAP PENALTY=3, WINDOW=5 and DIAGONALS SAVED=5, when compared to SEQ ID NO:12, or
  - (b) the complement of the nucleotide sequence of (a).
33. (new) The polynucleotide of Claim 32, wherein the amino acid sequence of the polypeptide has at least 85% sequence identity, based on the Clustal method of alignment with the pairwise alignment default parameters, when compared to SEQ ID NO:12.
34. (new) The polynucleotide of Claim 32, wherein the amino acid sequence of the polypeptide has at least 95% sequence identity, based on the Clustal method of alignment with the pairwise alignment default parameters, when compared to SEQ ID NO:12.
35. (new) The polynucleotide of Claim 32, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:12.
36. (new) The polynucleotide of Claim 32 wherein the nucleotide sequence comprises SEQ ID NO:11.
37. (new) A vector comprising the polynucleotide of Claim 32.
38. (new) A recombinant DNA construct comprising the polynucleotide of Claim 32 operably linked to at least one regulatory sequence.
39. (new) A method for transforming a cell, comprising transforming a cell with the recombinant DNA construct of Claim 38.
40. (new) A cell comprising the recombinant DNA construct of Claim 38.
41. (new) A method for producing a transgenic plant comprising transforming a plant cell with the recombinant DNA construct of Claim 38 and regenerating a transgenic plant from the transformed plant cell.
42. (new) A plant comprising the recombinant DNA construct of Claim 38.

Application No.: 10/773,529  
Docket No.: BB1240USCNT

Page 5

43. (new) A seed comprising the recombinant DNA construct of Claim 38.
44. (new) A method for isolating a polypeptide encoded by the polynucleotide of claim 32 comprising isolating the polypeptide from a cell containing a recombinant DNA construct comprising the polynucleotide operably linked to at least one regulatory sequence, wherein the recombinant DNA construct is expressed in the cell.